

METHOD OF WINCHING CUT TIMBER IN A FOREST AND A MACHINE DESIGNED TO ACCOMPLISH THIS

Abstract

A method of retrieving cut logs in a forest, by a method of hauling, using a machine, being of an excavator body(4), with a modified back-hoe bottom arm portion that adapts to function as a boom(2), that has a winch pulley(1) at one end and a hydraulically powered reel(3) at the other, with this hydraulically powered reel strategically fitted above the excavator to optimize turning effect, and with the boom supported by a modified back-hoe fore-arm(11) and bucket(9), which provides operational efficiency and a high level of stability to the machine, being more productive while less damaging to the environment, which will be able to be deployed and re-locate more easily, being lighter and less cumbersome, haul from further distances, which is not so for prior art designs which have longer booms which encumber and contribute weight and which require a counterweight in terms of added machine chassis or added weights, which is more cumbersome than the present invention.